

AVAILABLE ATTACHMENTS & ACCESSORIES

Attachments

99944200004 i-Start Kit

PARTS CATALOG HC-150i HEDGE CLIPPER

21.2cc

MODEL: SERIAL NUMBERS

HC-150i: S/N 05001001 - 05999999

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM

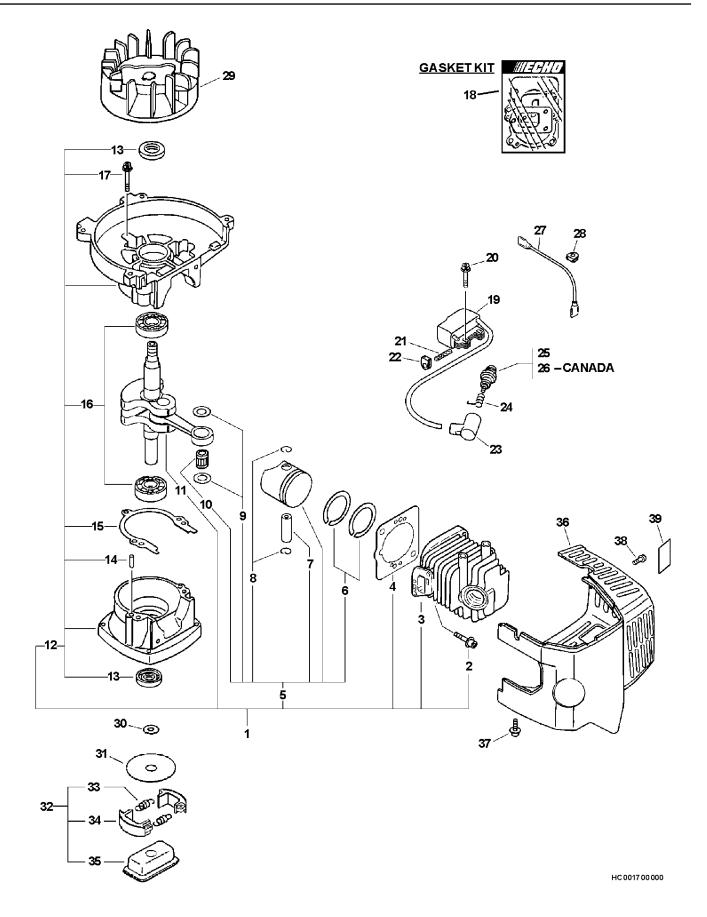


Click Any Diagram Desciption Below To Veiw That Diagram.

HC-150i S/N 05001001 - 05999999

Engine, Short Block, Ignition, Clutch, Cylinder Cover	4
-starter	6
Fuel System	8
ntake	10
Carburetor - RB-K66B 05001001 - 05005681	12
Carburetor - RB-K70 05005682 - 05999999	14
Exhaust	16
Handle, Ignition Switch, Throttle Cable	
Cutters, Gear Case, Tools	20
Part Number Index	22
Part Description Index	
Service Publications	3

This Intentionally Left Blank



ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	SB1067	1	SHORT BLOCK	INCLUDES ITEM 2-17
2	90016205022	2	BOLT 5X22	
3	A130000420	1	CYLINDER	
4	V100000080	1	GASKET, CYLINDER 1	
5	P021001111	1	PISTON KIT	INCLUDES ITEMS 6-10
6	A101000000	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	10001408960	2	SPACER, PISTON PIN	
10	10011305930	1	BEARING, NEEDLE	
11	A011000230	1	CRANKSHAFT ASY	
12		1	CRANKCASE KIT	INCLUDES ITEMS 13-17
13	10021242030	2	OIL SEAL	
14	10021503930	2	DOWEL PIN	
15	10024242030	1	GASKET, CRANKCASE ¹	
16	9403536201	2	BEARING, BALL	
17	90016205028	3	BOLT 5X28	
18	P021004710	1	GASKET KIT	
19	A411000120	1	COIL, IGNITION	
20	90016204020	2	BOLT 4X20	
21	V475002200	1	TUBE	
22	15611004920	1	BUSHING	
23	15901201620	1	CAP, SPARK PLUG	
24	15901103432	1	TERMINAL, SPARK PLUG CAP	
25	15901019830	1	SPARK PLUG BPM-8Y	
26	A425000000	1	SPARK PLUG BPMR-8Y	CANADA MODELS
27	16202152830	1	LEAD, IGNITION	
28	15611404920	1	GROMMET	
29	A409000150	1	FLYWHEEL	
30	17501405360	1	WASHER, CLUTCH	
31	17501904920	1	PLATE, CLUTCH	
32	17500006560	1	CLUTCH ASY	INCLUDES ITEMS 33-35
33	17501805960	2	SPRING, CLUTCH	
34	17500905131	2	SHOE, CLUTCH	
35	17501604920	1	HUB, CLUTCH	
36	A160000151	1	COVER, CYLINDER	
37	90016204020	2	BOLT 4X20	
38	9110704008	1	SCREW 4X8	
39	89016006361	1	LABEL, CAUTION - HOT	

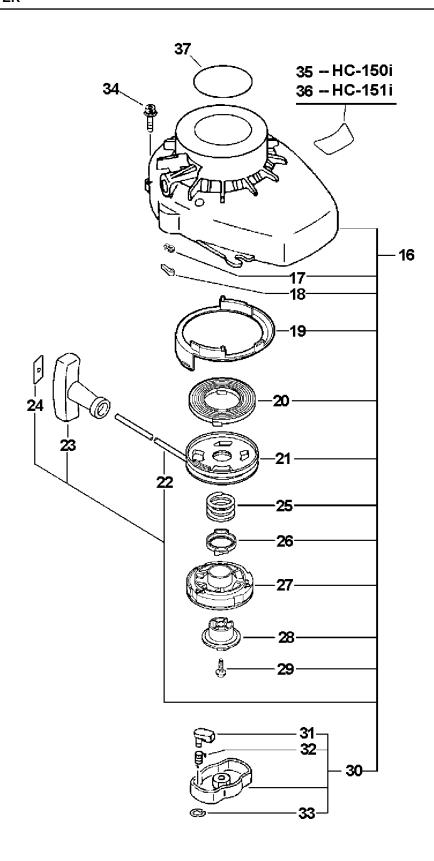
1: Also Included In GASKET KIT

_____ Footnotes _____

Table of Contents Part Number Index

HC-150i HEDGE CLIPPER

i-starter



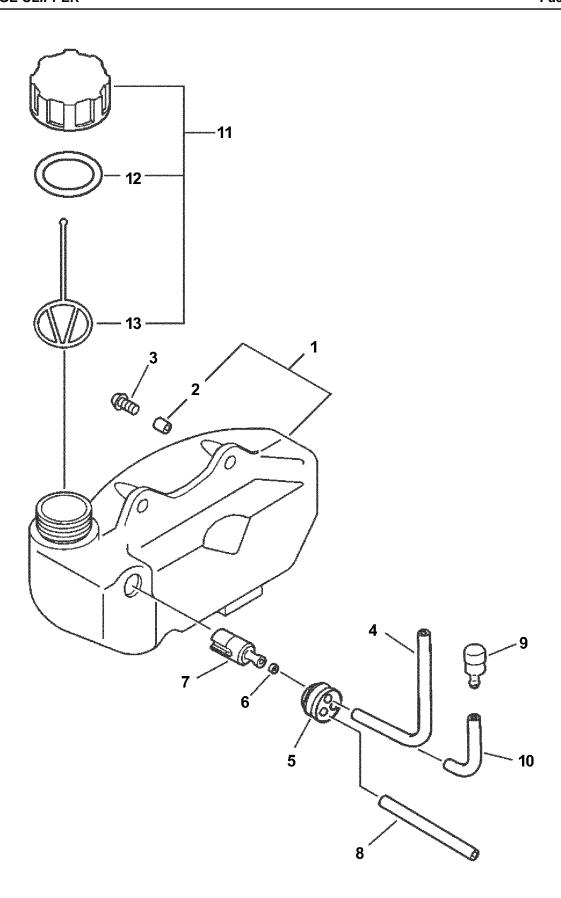
HC 0020 00 000

HC-150i HEDGE CLIPPER i-starter

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
16	99944200004	1	STARTER ASY	
17	P022004610	2	SPRING, PAWL RETURN	
18	P022004620	2	PAWL, STARTER	
19	P022006500	1	CASE, STARTER	
20	P022004680	1	SPRING, REWIND	
21	P022004690	1	DRUM, STARTER	
22	P022004600	1	ROPE, STARTER - 3X 800mm ¹	
23	P022004990	1	GRIP, STARTER	
24	17724611120	1	CLIP, ROPE	
25	P022004660	1	SPRING, RETURN	
26	P022004670	1	PAWL, STARTER	
27	P022004700	1	SPRING ASY	
28	P022004640	1	PLATE, CAM	
29	P022004630	1	SCREW	
30	A052000150	1	STARTER PAWL ASY	INCLUDES ITEMS 31-33
31	P022004740	2	PAWL, STARTER	
32	P022006510	2	SPRING, PAWL RETURN	
33	P022002100	2	E-RING	
34	90016304016	4	BOLT 4X16	
35	X503004480	1	LABEL, MODEL HC-150i	
36	X503004560	1	LABEL, MODEL HC-151i	
37	X502000032	1	LABEL, i-START	

_____ Footnotes ___

1: BULK OPTION: 99944444000



ITEM PART NUMBER QTY DESCRIPTION **REMARKS** A350000041 1 TANK, FUEL **INCLUDES ITEM 2** 1 2 13104528230 2 **SPACER** 3 90027505015 2 SCREW 5X15 3X5X195mm BULK OPTION: 90014 4 13201007530 1 PIPE, FUEL - 3X5X195mm1 5 V137000030 1 GROMMET, FUEL CLIP 6 13201309820 1 7 1 STRAINER, FUEL 13120507320 3X6X110mm BULK OPTION: 90017 8 13201006460 PIPE, RETURN - 3X6X110mm² 9 A356000030 1 VALVE, CHECK 3X5X70mm BULK OPTION: 90014 10 13131239130 PIPE, VENT - 3X5X70mm¹ 11 1 **INCLUDES ITEM 12-13** 13100455530 **FUEL TANK CAP ASY** 12 13101655830 1 GASKET, FUEL CAP

_ Footnotes _

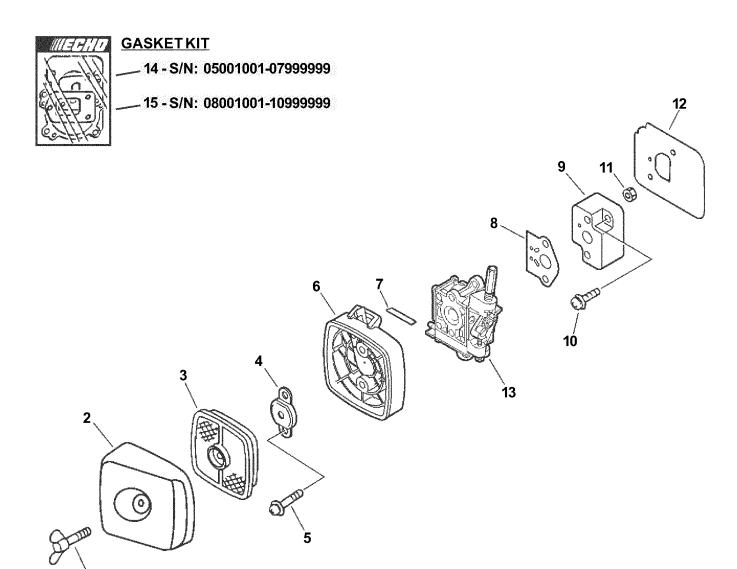
1: BULK OPTION: 90014 2: BULK OPTION: 90017

13105156030

1

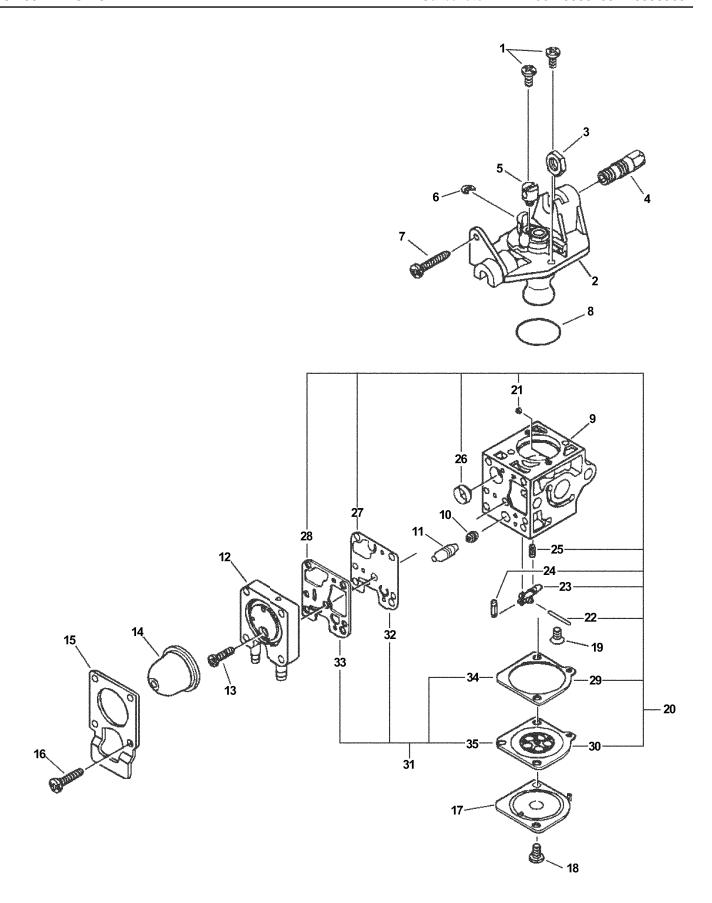
CONNECTOR, FUEL CAP

13



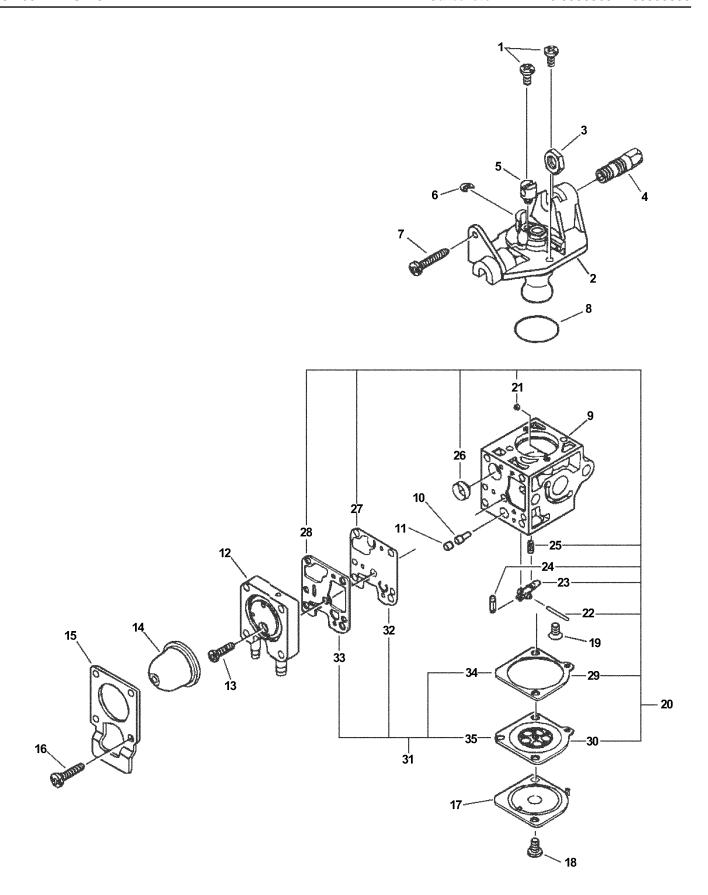
Intake

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	21041752730	1	BOLT, WING	
2	13031306563	1	LID, AIR CLEANER	
3	13031054130	1	FILTER, AIR	
4	12901152730	1	PLATE, PREVENT	
5	90022005065	2	SCREW 5X65	
6	P021000991	1	CASE, AIR CLEANER	
7	89012152730	1	LABEL, CHOKE	
8	13001013410	1	GASKET, INTAKE	Also Included In GASKET KIT
9	13001744330	1	INSULATOR, INTAKE	
10	90023805020	2	SCREW 5X20	
11	90050000005	2	NUT 5	
12	13001042032	1	SHIELD, INTAKE	Also Included In GASKET KIT
13		1	CARBURETOR	See Carburetor Diagrams for Model and Serial Number
				Apllications
14	P021004710	1	GASKET KIT	
15	P021008560	1	GASKET KIT	



Carburetor - RB-K66B 05001001 - 05005681

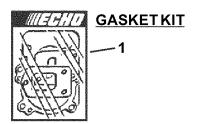
ITEM	PART NUMBER	OTY	DESCRIPTION	REMARKS
	A021000382	1	CARBURETOR RB-K66B	SUPERSEDES: CARBURETOR RB-K66; CARBURETOR RB-K66A
1	12534413931	3	SCREW, ROTOR COVER ASY	
2	P005000690	1	ROTOR COVER ASY	
3	P005000120	1	NUT, CABLE	
4	P005000700	1	SCREW, CABLE ADJUST	
5	P005000180	1	SWIVEL	
6	P005000190	1	E-RING	
7	P005000100	1	SCREW, THROTTLE ADJUST	
8	P005000280	1	O-RING	
9		1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
10	P005000570	1	JET	
11	P005000370	1	PLUG KIT	
12	P005000930	1	PRIMER BASE ASY	
13	P005000270	1	SCREW, PRIMER BASE ASY	
14	12538108660	1	PUMP, PRIMING	
15	P005000250	1	RETAINER, PRIMING PUMP	
16	12531061830	4	SCREW, PRIMING PUMP RETAINER	
17	12534252130	1	COVER, DIAPHRAGM	
18	12534452130	2	SCREW, DIAPHRAGM COVER	
19	12533942030	1	SCREW, METERING LEVER PIN	
20	P005000950	1	REPAIR KIT	INCLUDES ITEMS 21-30
21	P005001000	1	ROLLER, GUIDE	
22		1	PIN, METERING LEVER	
23		1	LEVER, METERING	
24		1	VALVE, INLET NEEDLE	
25		1	SPRING, METERING LEVER	
26		1	STRAINER	
27		1	DIAPHRAGM, PUMP	
28		1	GASKET, PUMP	
29		1	GASKET, METERING	
30		1	DIAPHRAGM, METERING	
31	P005000550	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEMS 32-35
32		1	DIAPHRAGM, PUMP	
33		1	GASKET, PUMP	
34		1	GASKET, METERING	
35		1	DIAPHRAGM, METERING	

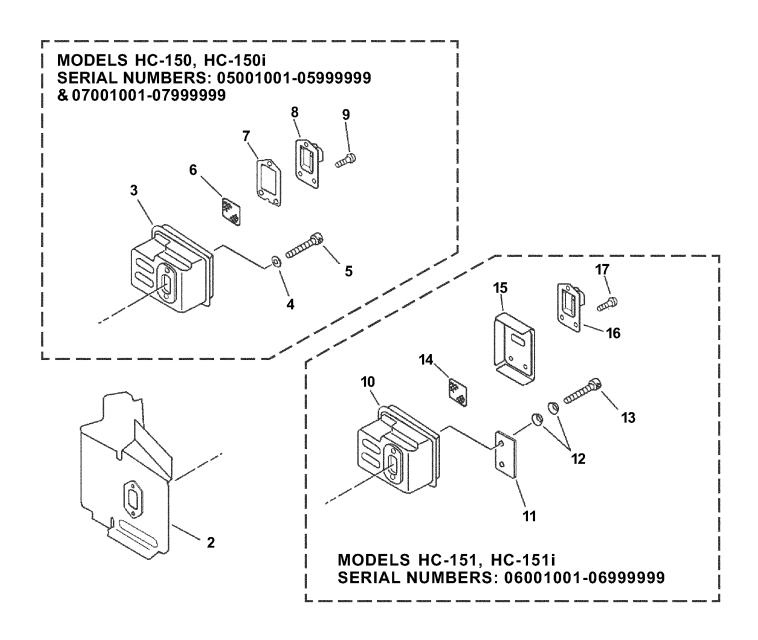


HC-150i HEDGE CLIPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000720	1	CARBURETOR RB-K70	
1	12534413931	3	SCREW, ROTOR COVER ASY	
2	P005001230	1	ROTOR COVER ASY	
3	P005000120	1	NUT, CABLE	
4	P005000700	1	SCREW, CABLE ADJUST	
5	P005001240	1	SWIVEL	
6	P005000190	1	E-RING	
7	P005000100	1	SCREW, THROTTLE ADJUST	
8	P005000280	1	O-RING	
9		1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
10	P005001260	1	NEEDLE - HIGH SPEED	
11	P005001270	1	PLUG	
12	P005000930	1	PRIMER BASE ASY	
13	P005000270	1	SCREW, PRIMER BASE ASY	
14	12538108660	1	PUMP, PRIMING	
15	P005000250	1	RETAINER, PRIMING PUMP	
16	12531061830	4	SCREW, PRIMING PUMP RETAINER	
17	12534252130	1	COVER, DIAPHRAGM	
18	12534452130	2	SCREW, DIAPHRAGM COVER	
19	12533942030	1	SCREW, METERING LEVER PIN	
20	P005000950	1	REPAIR KIT	INCLUDES ITEMS 21-30
21	P005001000	1	ROLLER, GUIDE	
22		1	PIN, METERING LEVER	
23		1	LEVER, METERING	
24		1	VALVE, INLET NEEDLE	
25		1	SPRING, METERING LEVER	
26		1	STRAINER	
27		1	DIAPHRAGM, PUMP	
28		1	GASKET, PUMP	
29		1	GASKET, METERING	
30		1	DIAPHRAGM, METERING	
31	P005000550	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEMS 32-35
32		1	DIAPHRAGM, PUMP	
33		1	GASKET, PUMP	
34		1	GASKET, METERING	
35		1	DIAPHRAGM, METERING	

Table of Contents Part Number Index
HC-150i HEDGE CLIPPER Exhaust

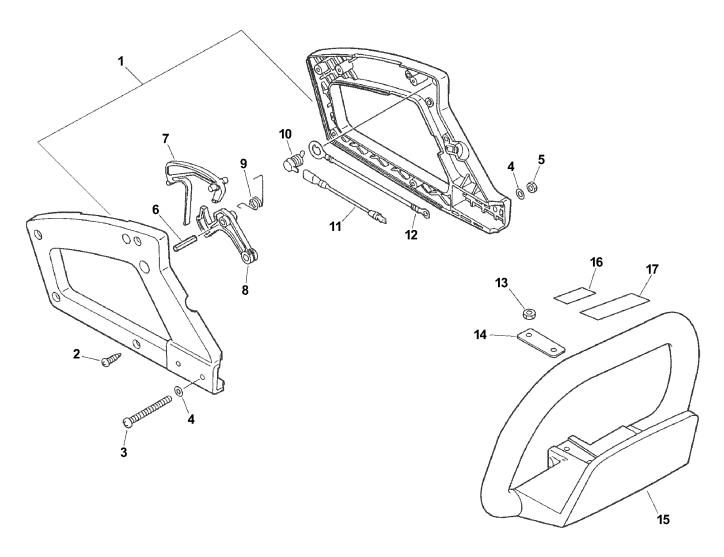


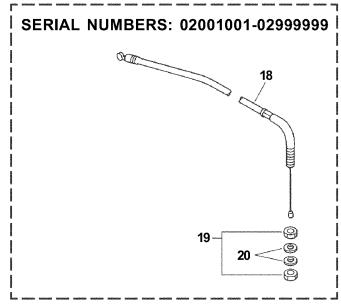


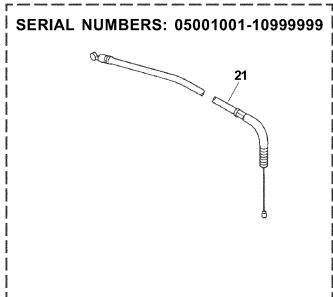
HC-150i HEDGE CLIPPER Exhaust

ITEM	PART NUMBER	QTY	DESCRIPTION		REMARKS
1	P021004710	1	GASKET KIT		
2	V104000410	1	SHIELD, EXHAUST1		
3	14581011520	1	MUFFLER		
4	90060000005	2	WASHER 5		
5	90010505050	2	BOLT 5X50		
6	14586240630	1	SCREEN, MUFFLER		
7	14586642031	1	GASKET, EXHAUST ¹		
8	A313000410	1	GUIDE, EXHAUST		
9	90024204010	3	SCREW 4X10		
10	A300000080	1	MUFFLER		
11	V150000371	1	PLATE, EYE		
12	V347000000	4	WASHER, CONICAL		
13	90010505055	2	BOLT 5X55		
14	14586240630	1	SCREEN, MUFFLER		
15	V104000370	1	GASKET, EXHAUST ¹		
16	A313000090	1	GUIDE, EXHAUST		
17	9136704010	3	SCREW		
				_	
				Footnotes	

^{1:} Also Included In GASKET KIT

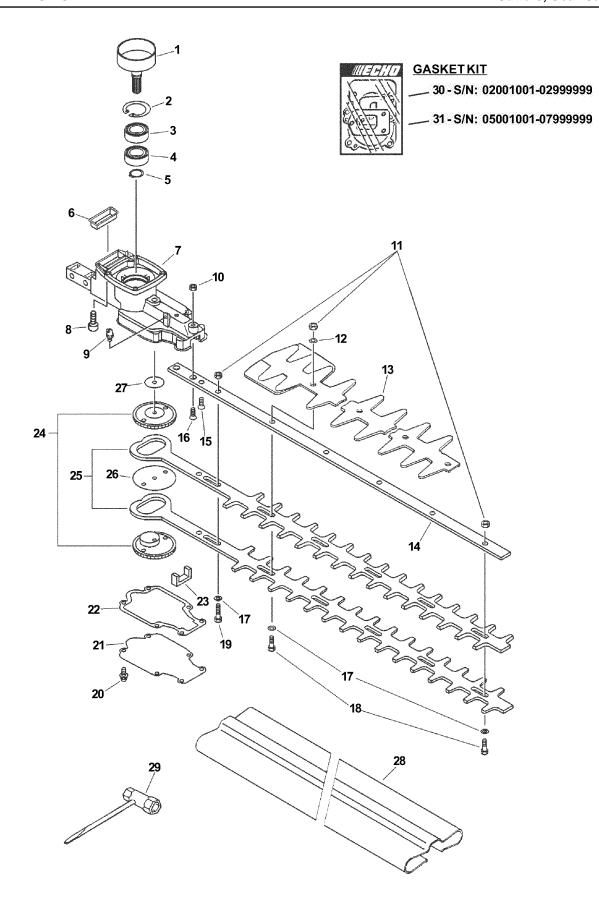






HC-150i HEDGE CLIPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	35110006560	1	REAR HANDLE SET	
2	90025504016	5	SCREW 4X16	
3	90022005047	2	SCREW 5X47	
4	90060000005	4	WASHER 5	
5	90056000005	1	LOCKNUT	
6	90034250025	1	SPRING PIN 5X25	
7	17809006560	1	LOCKOUT, THROTTLE CONTROL	
8	17801006560	1	CONTROL,THROTTLE	
9	17804315130	1	SPRING, THROTTLE RETURN	
10	16340003460	1	SWITCH,IGNITION	
11	V485000090	1	LEAD, IGNITION	
12	V485000080	1	LEAD, GROUND	
13	90056000005	2	LOCKNUT	
14	35161105360	1	WASHER	
15	35161005360	1	HANDLE, FRONT	
16	X505000290	1	LABEL, CAUTION	
17	X505000270	1	LABEL, CAUTION	
18	V430000110	1	CABLE, THROTTLE	
19	90050200006	2	NUT 6	
20	90060000006	2	WASHER 6	
21	V430000650	1	CABLE, THROTTLE	



Cutters, Gear Case, Tools

HC-150i HEDGE CLIPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS		
1	17500506560	1	DRUM, CLUTCH			
2	90070200035	1	CIRCLIP 35			
3	90087236202	1	BEARING, BALL			
4	90087036202	1	BEARING, BALL			
5	90070100014	1	CIRCLIP 14			
6	13192061830	1	CUSHION, FUEL TANK			
7	C531000050	1	CASE, GEAR			
8	90016304016	2	BOLT 4X16			
9	88011054230	1	NIPPLE, GREASE			
10	90050000006	2	NUT 6			
11	43302206460	6	NUT			
12	69911804560	4	WASHER			
13	69912503060	1	BLUNT			
14	X425000010	1	SUPPORT, CUTTER			
15	90021205030	1	SCREW 5X30			
16	90021206030	2	SCREW			
17	69911804560	6	WASHER			
18	69911504660	5	BOLT 6			
19	69911506560	1	BOLT, CUTTER			
20	90016204012	6	BOLT 4X12			
21	61041106560	1	LID, GEAR CASE			
22	61041406560	1	GASKET, GEAR HOUSING ¹			
23	61042606560	1	SEAL			
24	V650000250	2	GEAR, SPUR			
25	X411000020	2	CUTTER			
26	68902505360	1	WASHER			
27	68902506560	1	WASHER			
28	X495000010	1	COVER, BLADE			
29	89541006960	1	WRENCH, W/SCREWDRIVER			
30	P021001610	1	GASKET KIT			
31	P021004710	1	GASKET KIT			

_ Footnotes _

^{1:} Also Included In GASKET KIT for SERIAL NUMBERS: 02001001-07999999 ONLY



Click The Page Number After Any Part Number To Veiw The Diagram Containing That Part.

Part Number	Page	Part Number	Page	Part Number	Page
			ŭ		<u>-</u>
	5, 11, 13, 15	90016205022	5	P022004670	7
10001311520		90016205028		P022004680	
10001408960 .		90016304016		P022004690	
10001504630 .	5	90021205030	21	P022004700	7
10011305930 .		90021206030		P022004740	
10021242030 .		90022005047		P022004990	
10021503930 .		90022005065		P022006500	
10024242030 .		90023805020		P022006510	
12531061830 .		90024204010		SB1067	
12533942030 . 12534252130 .		90025504016 90027505015		V100000080 V104000370	
12534232130 .		90034250025		V104000370	
12534452130		90050000005		V137000030	
12538108660		90050000006		V150000371	
12901152730 .	11	90050200006		V347000000	
13001013410 .	11	90056000005	19	V430000110	19
13001042032 .	11	90060000005	17, 19	V430000650	19
13001744330 .	11	90060000006	19	V475002200	
13031054130 .		90070100014		V485000080	
13031306563 .		90070200035		V485000090	
13100455530 .		90087036202		V650000250	
13101655830 .		90087236202		X411000020	
13104528230 .		9110704008 .		X425000010	
13105156030 . 13120507320 .		9136704010 . 9403536201 .		X495000010 X502000032	
13131239130		99944200004		X503004480	
13192061830		A011000230 .		X503004460	
13201006460		A021000382 .		X505000270	
13201007530		A021000720 .		X505000290	
13201309820 .		A052000150 .			
14581011520 .	17	A101000000 .	5		
14586240630 .	17	A130000420 .	5		
14586642031 .		A160000151 .			
15611004920 .		A300000080 .			
15611404920 .		A313000090 .			
15901019830 .		A313000410 .			
15901103432 . 15901201620 .		A350000041 . A356000030 .			
16202152830		A409000150 .			
16340003460		A411000120 .			
17500006560		A425000000 .			
17500506560		C531000050			
17500905131 .		P005000100 .			
17501405360 .	5	P005000120 .	13, 15		
17501604920 .		P005000180 .	13		
17501805960 .		P005000190 .			
17501904920 .		P005000250 .	,		
17724611120 .		P005000270 .			
17801006560 .		P005000280 .			
17804315130 .		P005000370 .			
17809006560 . 21041752730 .		P005000550 . P005000570 .			
35110006560		P005000570 .			
35161005360		P005000700 .			
35161105360		P005000930 .	,		
43302206460 .		P005000950 .			
61041106560 .		P005001000 .			
61041406560	21	P005001230 .	15		
61042606560 .	21	P005001240 .	15		
68902505360 .	21	P005001260 .			
68902506560		P005001270 .			
69911504660 .		P021000991 .			
69911506560 .		P021001111 .			
69911804560 .		P021001610 .			
69912503060 . 88011054230 .		P021004710 . P021008560 .	5, 11, 17, 21		
89012152730		P022002100 .			
89016006361		P022004600 .			
89541006960		P022004610 .			
90010505050		P022004620 .			
90010505055		P022004630 .			
90016204012		P022004640 .	7		
90016204020	5	P022004660 .	7		



Click The Page Number After Any Part Desciption To Veiw The Diagram Containing That Part.

Click The Page Number After Any Par	t Desciption to velw the Diagram Conta	ining That Part.
	GASKET, CRANKCASE5	PLATE, CAM7
В	GASKET, CYLINDER5	PLATE, CLUTCH5
	GASKET, EXHAUST17	PLATE, EYE17
BEARING, BALL5, 21	GASKET, FUEL CAP9	PLATE, PREVENT11
BEARING, NEEDLE5	GASKET, GEAR HOUSING21	PLUG15
BLUNT21	GASKET, INTAKE11	PLUG KIT13
BODY, CARBURETOR13, 15	GASKET, METERING13, 15	PRIMER BASE ASY13, 15
BOLT 4X1221	GASKET, PUMP13, 15	PUMP, PRIMING13, 15
BOLT 4X167, 21	GEAR, SPUR21	
BOLT 4X205	GRIP, STARTER7	R
BOLT 5X225	GROMMET5	
BOLT 5X285	GROMMET, FUEL9	REAR HANDLE SET19
BOLT 5X5017	GUIDE, EXHAUST17	REPAIR KIT13, 15
BOLT 5X5517		RETAINER, PRIMING PUMP13, 15
BOLT 621	Н	RING, PISTON5
BOLT, CUTTER21		ROLLER, GUIDE13, 15
BOLT, WING11	HANDLE, FRONT19	ROPE, STARTER - 3X 800mm7
BUSHING5	HUB, CLUTCH5	ROTOR COVER ASY13, 15
_		_
C		S
CABLE, THROTTLE19	INSULATOR, INTAKE11	SCREEN, MUFFLER17
CAP, SPARK PLUG5		SCREW7, 17, 21
CARBURETOR11	i	SCREW 4X1017
CARBURETOR RB-K66B13	J	SCREW 4X1619
CARBURETOR RB-K7015	JET13	SCREW 4X85
CASE, AIR CLEANER11		SCREW 5X159
CASE, GEAR21	L	SCREW 5X2011
CASE, STARTER7	LABEL, CAUTION19	SCREW 5X3021
CIRCLIP 1421	LABEL, CAUTION - HOT5	SCREW 5X4719
CIRCLIP 3521	LABEL, CHOKE11	SCREW 5X6511
CIRCLIP, PISTON PIN5	LABEL, i-START7	SCREW, CABLE ADJUST13, 15
CLIP9	LABEL, MODEL HC-150i7	SCREW, DIAPHRAGM COVER13, 15
CLIP, ROPE7	LABEL, MODEL HC-151i7	SCREW, METERING LEVER PIN13, 15
CLUTCH ASY5	LEAD, GROUND19	SCREW, PRIMER BASE ASY13, 15
COIL, IGNITION5	LEAD, IGNITION5, 19	SCREW, PRIMING PUMP RETAINER13, 15
CONNECTOR, FUEL CAP9	LEVER, METERING13, 15	SCREW, ROTOR COVER ASY13, 15
CONTROL,THROTTLE19	LID, AIR CLEANER11	SCREW, THROTTLE ADJUST13, 15
COVER, BLADE21	LID, GEAR CASE21	SEAL21
COVER, CYLINDER5	LOCKNUT19	SHIELD, EXHAUST17
COVER, DIAPHRAGM13, 15	LOCKOUT, THROTTLE CONTROL19	SHIELD, INTAKE11
CRANKCASE KIT5	LOCKOCH, THROTTLE CONTROLLINITO	SHOE, CLUTCH5
CRANKSHAFT ASY5	NA	SHORT BLOCK5
CUSHION, FUEL TANK21	M	SPACER9
CUTTER21	MUFFLER17	SPACER, PISTON PIN5
CYLINDER5		SPARK PLUG BPM-8Y5
	N	SPARK PLUG BPMR-8Y5
D	NEEDLE - HIGH SPEED15	SPRING ASY7
	NIPPLE, GREASE21	SPRING PIN 5X2519
DIAPHRAGM, METERING13, 15	NUT21	SPRING, CLUTCH5
DIAPHRAGM, PUMP13, 15	NUT 511	SPRING, METERING LEVER13, 15
DIAPHRAGM/GASKET KIT13, 15	NUT 619, 21	SPRING, PAWL RETURN7
DOWEL PIN5	NUT, CABLE13, 15	SPRING, RETURN7
DRUM, CLUTCH21	- , -	SPRING, REWIND7
DRUM, STARTER7	0	SPRING, THROTTLE RETURN19
_		STARTER ASY7
E	OIL SEAL5	STARTER PAWL ASY7
E-RING7, 13, 15	O-RING13, 15	STRAINER13, 15
	_	STRAINER, FUEL9
F	Р	SUPPORT, CUTTER21
	PAWL, STARTER7	SWITCH,IGNITION19
FILTER, AIR11	PIN, METERING LEVER13, 15	SWIVEL13, 15
FLYWHEEL5 FLIEL TANK CAP ASY	PIN, PISTON5	
FUEL TANK CAP ASY9	PIPE , VENT - 3X5X70mm9	T
^	PIPE, FUEL - 3X5X195mm9	TANK, FUEL9
G	PIPE, RETURN - 3X6X110mm9	TERMINAL, SPARK PLUG CAP5
GASKET KIT5, 11, 17, 21	PISTON KIT5	TURE 5

TUBE.....5



٧

VALVE, CHECK.....9 VALVE, INLET NEEDLE.....13, 15

W

WASHER.....19, 21 WASHER 5.....17, 19 WASHER 6.....19 WASHER, CLUTCH.....5 WASHER, CONICAL.....17 WRENCH, W/SCREWDRIVER.....21

NOTES



ECHO, INCORPORATED 400 Oakwood Road

Lake Zurich, IL 60047 USA

WWW.ECHO-USA.COM